

MSFC Safety *Bulletin*

Inadequate Support Allows Load to Move Unexpectedly

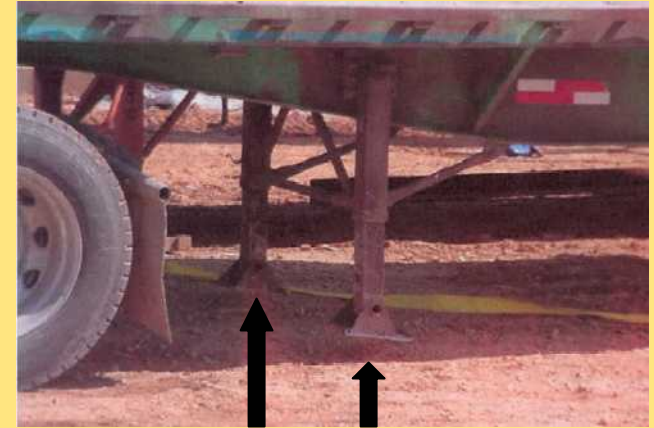
What Happened?

- A close call incident occurred at Building 4600, when a truck driver delivered a trailer loaded with a large, heavy, pre-cast concrete panel to the jobsite.
- The driver dollyed the trailer down onto its support jacks, unhitched the tractor from the trailer, and moved the tractor truck from beneath the loaded trailer. The trailer is designed to support its own weight, plus the load, on these jacks.
- As the driver pulled the tractor away, the trailer abruptly tilted forward. The sudden movement caused the concrete panel to tip over on the trailer bed, resulting in minor property damage.
- At the time, there were no people, materials, or equipment close enough to be harmed by the load as it tipped over.
- Investigation revealed that the driver had not verified that the jacks were extended far enough to hold the trailer bed and load in a stationary position, when no longer supported by the tractor truck.

What Can Be Done?

- Brief all delivery drivers on the proper safe procedures to be used when jacking and disconnecting such trailers.
- Always provide adequate structure for the load size, shape, weight, & center of gravity, before removing the original support system.

Close Call Incident



Trailer support jacks



Pre-Cast Concrete Panel